

DETAILED ACTION***Allowable Subject Matter***

1. Claims 12-26 are allowed. The following is an examiner's statement of reasons for allowance: whereas the prior art of record teaches or makes obvious a servo controller comprising: a position feedback correction unit for correcting a position feedback signal by adding a positional deviation, filtered and gained, to a command position; a position control unit for performing, according to a corrected position feedback signal outputted from the position feedback correction unit, positional control to output a velocity command; and a velocity control unit for outputting a feedback torque command based on the velocity command outputted from the position control unit; the prior art fails to teach or make obvious the controller comprising or combining the controller with a position feedback correction unit for outputting a corrected position feedback signal by adding a between-axes positional deviation, filtered and gained, that is the difference between a self-axis position and another-axis position, to a self-axis position to which a gain is applied; a position control unit for performing, according to the corrected position feedback signal outputted from the position feedback correction unit, positional control to output a velocity command; and a velocity control unit for outputting a feedback torque command based on the velocity command outputted from the position control unit, and a self-axis velocity.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Art Unit: 2837

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to RENATA MCCLOUD whose telephone number is (571)272-2069. The examiner can normally be reached on Mon.- Fri. 9:am - 6pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Walter Benson can be reached on (571) 272-2800 ext. 37. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Renata McCloud/
Examiner, Art Unit 2837

/Walter Benson/
Supervisory Patent Examiner, Art Unit 2837